

CURRICULUM VITAE

<i>Name and Address:</i>	Dr. Harry H. Hendon CIRES University of Colorado Campus Box 449 Boulder, Colorado 80309 (303) 492-3814
<i>Birthdate:</i>	7 December 1956
<i>Education:</i>	B. S. (Meteorology), 1979 University of California at Los Angeles Ph. D. (Atmospheric Sciences), March 1985, University of Washington, Prof. Dennis Hartmann, advisor NATO Advanced Study Institute on Physically Based Parameterizations for Climate Modeling. Erice, Italy, 5–18 May 1986
<i>Experience:</i>	Research Assistant, Dr. J. Rosenthal, Pacific Missile Test Center, U. S. Navy, Pt. Mugu, California. Summer 1978. Research Assistant, Prof. D. Hartmann, Department of Atmospheric Sciences, University of Washington, 1980–1985. Teaching Assistant, Prof. E. La Chapelle, Department of Atmospheric Sciences, University of Washington, Fall 1981. Research Scientist IV, CSIRO Division of Atmospheric Research, Melbourne, Australia. April 1985–1988. Senior Research Associate, CATA/PAOS, University of Colorado. May 1988–Oct 1993. Visiting Scientist, BMRC, Melbourne, 1992. Research Associate, CIRES/NOAA CDC, University of Colorado. Oct 1993–present. Visiting Scientist, CRC Monash Univ., Melbourne, 1995. Fellow, Program in Atmospheric and Oceanic Sciences, University of Colorado, 1993–present.
<i>Other Experience:</i>	Principal Investigator: TOGA COARE; Pan American Climate Studies Convener, AMOS International Conference on Tropical Meteorology, Brisbane, Australia. July 1988
<i>Professional Committees:</i>	Advisory Panel, International Satellite Cloud Climatology Program. National Academy of Sciences, July 1990–June 1993.

External Review (fellow reviewer Prof. M. Cane) Graduate Program in Division of Meteorology and Physical Oceanography, University of Miami, October 1990.

Tropical Meteorology Committee, American Meteorological Society, January 1993–1996

PACS Scientific Working Group, March 1994-present

Academic Committees: APAS Dept., Univ. of Colorado, Comps II and PhD committees: John Bergman, Andrew Fusco, and Charlie Zender

Electrical Engineering Dept., Univ. of Colorado, Comps II and PhD committee: Christopher Williams

Peer Review: Australian Meteorological Magazine
Journal of Atmospheric Sciences
Journal of Climate
Monthly Weather Review
Quarterly Journal of the Royal Meteorological Society
Journal of Geophysical Research
Tellus
Nature
NOAA
NSF

Invited Presentations: Hendon, H. H.: A simple model of the 40–50 day oscillation
WGNE GCM Intercomparison Meeting, ECMWF,
Reading, England, May 1988.

Hendon, H. H.: Interaction of Tropical Convection and the Middle Atmosphere IUGG, Vienna. August 1991.

Hendon, H. H.: The Diurnal Cycle of Tropical Convection NASA/Goddard Radiation and Climate Seminar Series. March 1992.

Hendon, H. H.: Intraseasonal Ocean-Atmosphere Variability in the Tropics. NASA/Goddard Radiation and Climate Seminar Series. May 1995.

Hendon, H. H.: Forcing of Oceanic Wave Activity by Intraseasonal Fluctuations in Tropical Convection.
IUGG, Boulder, June 1995.

Other Presentations: Hendon, H. H.: The linear and nonlinear response to steady tropical diabatic heating. Second Australian Conference on Tropical Meteorology, Perth, July 1985.

Hendon, H. H.: On the structure and dynamics of the troposphere over the Australian-Indonesian region.
Second International Conference on Southern Hemisphere Meteorology, Wellington, NZ, Dec. 1986.

Hendon, H. H. and B. Liebmann: Circulation changes associated with onset of the Australian summer monsoon. 18th AMS Conference on Hurricanes and Tropical Meteorology, San Diego, May 1989.

Hendon, H. H.: Space-time variability of tropical convection. 4th AMS Conference on Satellite Meteorology and Oceanography, San Diego, May 1989.

Hendon, H. H.: Rossby-gravity waves over the Central Pacific. International TOGA Conference, Honolulu, July 1990.

Hendon, H. H.: Organization of convection within the MJO. 4th AMS Conference on Southern Hemisphere Meteorology and Oceanography, Hobart, Australia, April 1993.

B. Liebmann and H.H Hendon: On the relationship between tropical cyclones of the western Pacific and the phase of the MJO. 20th AMS Conference on Tropical Meteorology, San Antonio, Texas. 10-14 May 1993.

H.H. Hendon: Intrasesonal ocean-atmosphere interaction in the tropical Pacific and Indian Oceans International TOGA Meeting, Melbourne, April 1995

H.H. Hendon and C. Zhang: On the standing and propagating components of the intraseasonal oscillation in tropical convection. AMS Hurricane and Tropical Meteorology Meeting, Miami, April 1995.

H.H. Hendon and B. Liebmann: Modeling thermocline variations in the equatorial Pacific. AMS Symposium on GOALS Atlanta, January 1996.

Publications in Refereed Journals

1. Hendon, H. H. and D. L. Hartmann, 1982: Stationary waves on a sphere: sensitivity to thermal feedback. *J. Atmos. Sci.*, **39**, 1906–1920.
2. Hartmann, D. L., H. H. Hendon and R. A. Houze, Jr., 1984: Some implications of the mesoscale circulations in tropical cloud clusters for large-scale dynamics and climate. *J. Atmos. Sci.*, **41**, 113–121.
3. Hendon, H. H. and D. L. Hartmann, 1985: Variability in a nonlinear model of the atmosphere with zonally symmetric forcing. *J. Atmos. Sci.*, **42**, 2783–2797.
4. Hendon, H. H., 1986: Time-mean flow and variability in a nonlinear model of the atmosphere with tropical diabatic forcing. *J. Atmos. Sci.*, **43**, 72–88.
5. Hendon, H. H., 1986: Time-mean flow and variability in a nonlinear model of the atmosphere with orographic forcing. *J. Atmos. Sci.*, **43**, 345–360.

6. Hendon, H. H., 1986: Streamfunction and velocity potential representation of equatorially trapped waves. *J. Atmos. Sci.*, **43**, 3038–3042.
7. Hendon, H. H., 1988: A simple model of the 40–50 day oscillation. *J. Atmos. Sci.*, **45**, 569–584.
8. Hendon, H. H., 1988: A qualitative assessment of the Australian region tropical analyses. *Mon. Wea. Rev.*, **116**, 5–17.
9. Hendon, H. H., N. E. Davidson and B. Gunn, 1988: Australian summer monsoon onset during AMEX 1987. *Mon. Wea. Rev.*, **116**, 370–390.
10. Davidson, N. E. and H. H. Hendon, 1989: Downstream amplification in the southern hemisphere monsoon during FGGE/WMONEX. *Mon. Wea. Rev.*, **117**, 1458–1470.
11. Gunn, B., J. L. McBride, G. J. Holland, T. D. Keenan, N. E. Davidson and H. H. Hendon, 1989: The Australian summer monsoon circulation during AMEX Phase 2. *Mon. Wea. Rev.*, **117**, 2554–2574.
12. Liebmann, B. and H. H. Hendon, 1990: Synoptic-scale waves near the equator. *J. Atmos. Sci.*, **47**, 1463–1479.
13. H. H. Hendon and B. Liebmann, 1990: Composite study of onset of the Australian summer monsoon. *J. Atmos. Sci.*, **47**, 2227–2240.
14. H. H. Hendon and B. Liebmann, 1990: The intraseasonal (30–50 day) oscillation of the Australian summer monsoon. *J. Atmos. Sci.*, **47**, 2909–2923.
15. Tanaka, K., K. Woodberry, H. H. Hendon and M. L. Salby, 1991: Assimilation of global cloud imagery from multiple satellites. *J. Atmos. Oceanic Tech.*, **8** (August issue).
16. Woodberry, K., K. Tanaka, H. H. Hendon and M. L. Salby, 1991: An interactive system for analysis of global cloud imagery. *J. Atmos. Oceanic Tech.*, **8** (August issue).
17. Salby, M. L., H. H. Hendon, K. Woodberry and K. Tanaka, 1991: Analysis of global cloud imagery from multiple satellites. *Bull. Amer. Meteor. Soc.*, **72**, 467–475 (plus cover).
18. Joseph, P. V., B. Liebmann and H. H. Hendon, 1991: Interannual variability of the Australian summer monsoon onset: Possible influence of Indian summer monsoon and El Niño. *J. Clim.*, **4**, 529–538.
19. H. H. Hendon and B. Liebmann, 1991: Structure and annual variation of antisymmetric fluctuations of tropical convection and their relationship to Rossby-gravity waves. *J. Atmos. Sci.*, **48**, 2127–2140.
20. Hess, P.G., H.H. Hendon, and D.S. Battisti, 1993: The relationship between mixed Rossby-gravity waves and convection in a general circulation model. *J. Meteor. Soc. Japan*, **71**, 321–338.

21. Hendon, H.H., and K. Woodberry, 1993: The diurnal cycle of tropical convection. *J. Geophys. Res.*, **98**, 16623-16637.
22. Salby, M.L. and Hendon, H. H. 1994: Intraseasonal behavior of winds, temperature and convection in the tropics. *J. Atmos. Sci.*, **51**, 2207-2224.
23. Hendon, H. H. and M.L.Salby 1994: Life cycle of the the Madden-Julian oscillation. *J. Atmos. Sci.*, **51**, 2225-2237.
24. Hendon, H. H. and B. Liebmann 1994: Organization of convection within the Madden-Julian Oscillation *J. Geophys. Res.*, **99**, 8073-8083.
25. Salby, M., R. Garcia, and H.H. Hendon, 1994: Planetary circulations in the presence of climatological and wave induced heating. *J. Atmos. Sci.*, **51**, 2344-2367.
26. B. Liebmann and H.H. Hendon, 1994: On the relationship between tropical cyclones of the western Pacific and the phase of the MJO. *J. Meteor. Soc. Japan*, **72**, 401-412.
27. Hendon, H.H., 1995: Length of day fluctuations associated with the Madden-Julian oscillation. *J. Atmos. Sci.*, **52**, 2373-2383.
28. Hendon, H.H., and M.L. Salby, 1996: Planetary-scale circulations forced by intraseasonal variations of observed convection. *J. Atmos. Sci.*, **53**, 1751-1758.
29. Zhang, C., and Hendon, H.H., 1997: On the propagating and standing components of the intraseasonal oscillation in tropical convection. *J. Atmos. Sci.*, (1 February issue).
30. Hendon, H.H., and J. Glick, 1997: Intraseasonal air-sea interaction in the tropical Indian and western Pacific Oceans. *J. Clim.*, (to appear).
31. Hendon, H.H., B. Liebmann, and J. Glick, 1997: Oceanic Kelvin waves and the Madden-Julian oscillation. *J. Atmos. Sci.*, (to appear).
32. Shinoda, T., H.H. Hendon, and J.D. Glick, 1997: Intraseasonal sea surface temperature variability in the tropical Pacific and Indian Oceans. (manuscript in preparation)
33. Shinoda, T., H.H. Hendon, and J.D. Glick, 1997: Mixed layer modeling of intraseasonal sea surface temperature variability in the tropical western Pacific and Indian Ocean. (manuscript in preparation)